Electronic Acknowledgement Receipt				
EFS ID:	1532104			
Application Number:	10748570			
International Application Number:				
Confirmation Number:	8071			
Title of Invention:	Index key normalization			
First Named Inventor/Applicant Name:	Leonard Ciprian Mosescu			
Customer Number:	41505			
Filer:	Michael W. Tieff/D. McCarty			
Filer Authorized By:	Michael W. Tieff			
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## File Listing:

Document Number	Document Description	File Name	File Size(Bytes)	Multi Part /.zip	Pages (if appl.)
1	Miscellaneous Incoming Letter	MSFT-2831Transmittal.pdf	170894	no	4
Warnings:					

Information:							
2		MSFT-2831Reply.pdf	110940	yes	12		
	Multipart Description/PDF files in .zip description						
	Document Description		Start	End			
	Amendment After Final		1	1			
	Claims		2	8			
	Applicant Arguments/Remarks Made in an Amendment		9	9 12			
Warnings:							
Information:							
Total Files Size (in bytes):		281834					

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#### New Applications Under 35 U.S.C. 111

If a new application is being filed and the application includes the necessary components for a filing date (see 37 CFR 1.53(b)-(d) and MPEP 506), a Filing Receipt (37 CFR 1.54) will be issued in due course and the date shown on this Acknowledgement Receipt will establish the filing date of the application.

### National Stage of an International Application under 35 U.S.C. 371

If a timely submission to enter the national stage of an international application is compliant with the conditions of 35 U.S.C. 371 and other applicable requirements a Form PCT/DO/EO/903 indicating acceptance of the application as a national stage submission under 35 U.S.C. 371 will be issued in addition to the Filing Receipt, in due course.

#### New International Application Filed with the USPTO as a Receiving Office

If a new international application is being filed and the international application includes the necessary components for an international filing date (see PCT Article 11 and MPEP 1810), a Notification of the International Application Number and of the International Filing Date (Form PCT/RO/105) will be issued in due course, subject to prescriptions concerning national security, and the date shown on this Acknowledgement Receipt will establish the international filing date of the application.